

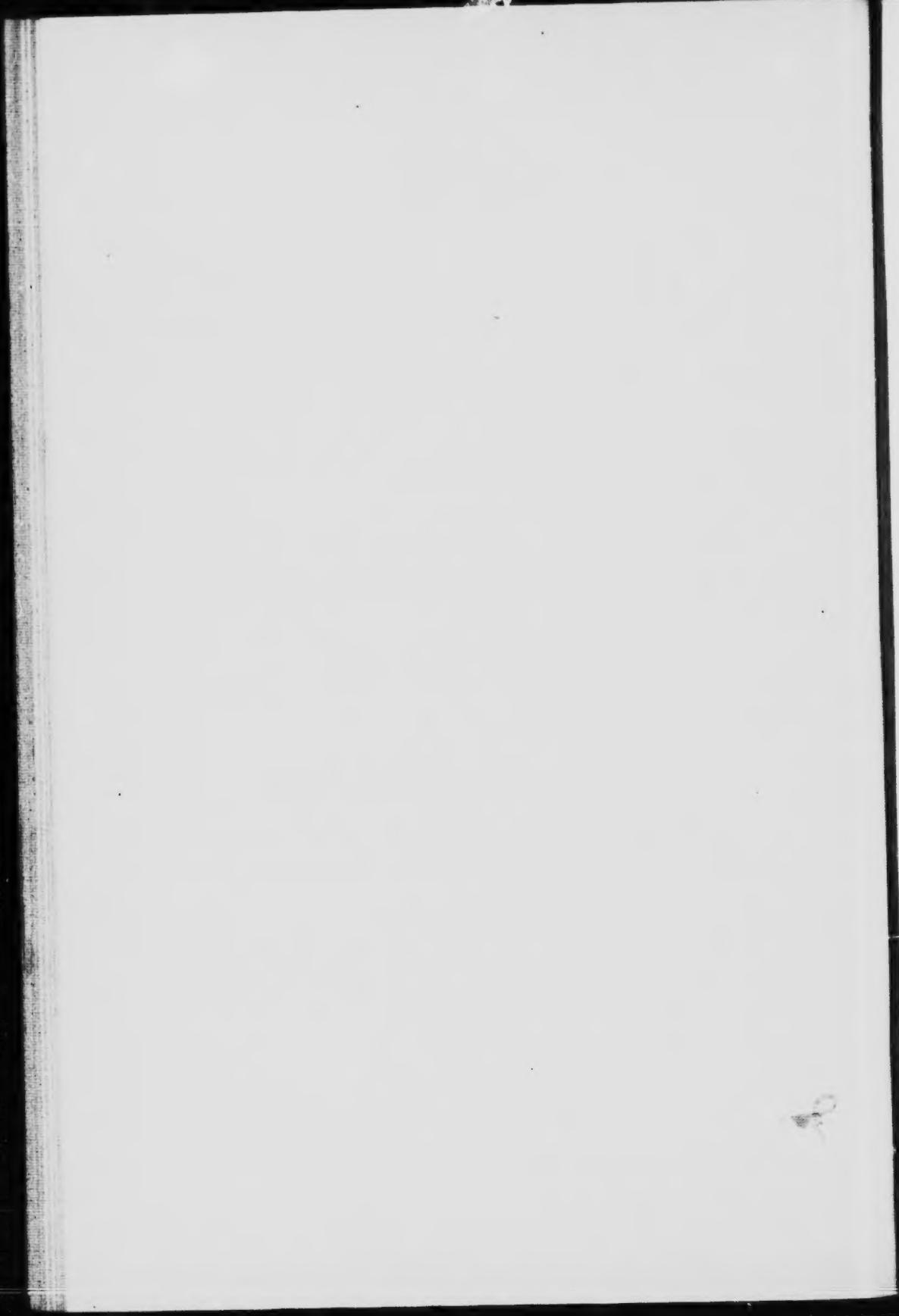
O. H. M. S.

W. J. Gerald
Deputy Minister.

LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA.

BULLETIN No. 155

MAPLE SYRUP



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OTTAWA, May 29, 1908.

W. J. GERALD, Esq.,

Deputy Minister of Inland Revenue.

SIR.—I beg to hand you a report upon 84 samples of Maple Syrup, collected in February last, as indicated in the subjoined table.

Instructions were specially given to accept no samples offered as Compounds, Mixtures, or as Maple Flavoured products. In spite of this warning, 6 samples have to be classified as Mixtures, viz.:—two purchased in Toronto district, two in London district, one in Quebec district, and one in Vancouver district. It is, however, to be remarked that the two samples obtained in Toronto were only acknowledged as mixture after the purchase was completed, and after our inspector had explained that they were purchased for analysis. Also that the sample bought in Vancouver district was sold as Maple Syrup, although the word "Flavour" was pencilled on the label; the same is true of the sample taken in Quebec.

The two samples purchased in London were plainly labelled "Maple Flavour" and should not have been accepted by Mr. Inspector Kidd.

MAPLE SYRUP.

District.	Genuine.	Doubtful.	Adulterated.	Mixture.	Total.
Nova Scotia.....	6	0	0	0	6
P. E. Island.....	0	0	0	0	0
New Brunswick.....	6	0	0	0	6
Quebec.....	1	0	4	1	6
St. Hyacinthe.....	5	1	0	0	6
Montreal.....	3	1	2	0	6
Ottawa.....	4	0	2	0	6
Kingston.....	4	1	1	*2	6
Toronto.....	2	0	2	2	6
London.....	2	0	0	0	6
Windsor.....	6	0	0	0	6
Manitoba.....	6	0	0	0	6
Calgary.....	6	0	0	1	6
Vancouver.....	5	0	0	0	5
Victoria.....	5	1	0	0	6
	61	4	13	6	84

*Toronto. Mixture not declared until purchase completed.

I beg to recommend that this report be published as Bulletin No. 155.

I have the honour to be, Sir,

Your obedient servant,

A. MCGILL,

Chief Analyst.

INSPECTION OF MAPLE SYRUP—BULLETIN 155.

Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Furnisher as given by Vendor.	Inspector's Report.	Results of ANALYSIS.			Remarks and Opinion of the Chief Analyst.
						Quantity.	Weight of Sample.	Percentage of Dry Substance.	
Feb. 14	14	Maple Syrup.	23	W. C. Anderson, Halifax, 1 bot.	45 Maple Tree Producers' Association, Waterloo, Que.	Labelled "Pride of Canada brand". Guaranteed pure. No label on bottle.	3.42	.....	Genuine.
"	14	"	23	33613 R.oney & Lovitt, Halifax, 1 "	30 Unknown.....	No label on bottle.	3.87	.....	"
"	14	"	23	33614 John Outfit, Halifax, N.S., 1 "	25 "	No label on bottle.	4.12	.....	"
"	17	"	23	33615 T. F. Courtney & Co., Halifax, 1 "	35 Mr. Liddell, Dunham, N.S.,	Said to be made in Quebec.	3.41	.....	"
"	18	"	23	33616 J. L. Archibald, Halifax, 1 tin.	30 Canada Maple Exchange, Montreal, P.Q.	Labelled "Small's Maple Leaf brand". Pure Maple Syrup.	3.23	.....	"
"	26	"	23	33617 Colin McNabb & Co., Dartmouth, N.S.	35 Maple Tree Producers' Association, Waterloo P.Q.	Labelled "Pride of Canada brand".	4.00	.....	"

DISTRICT OF NOVA SCOTIA—R. J. WAUGH, INSPECTOR.

Feb. 14	14	Maple Syrup.	23	W. C. Anderson, Halifax, 1 bot.	45 Maple Tree Producers' Association, Waterloo, Que.	Labelled "Pride of Canada brand". Guaranteed pure. No label on bottle.	3.42	.....	Genuine.
"	14	"	23	33613 R.oney & Lovitt, Halifax, 1 "	30 Unknown.....	No label on bottle.	3.87	.....	"
"	14	"	23	33614 John Outfit, Halifax, N.S., 1 "	25 "	No label on bottle.	4.12	.....	"
"	17	"	23	33615 T. F. Courtney & Co., Halifax, 1 "	35 Mr. Liddell, Dunham, N.S.,	Said to be made in Quebec.	3.41	.....	"
"	18	"	23	33616 J. L. Archibald, Halifax, 1 tin.	30 Canada Maple Exchange, Montreal, P.Q.	Labelled "Small's Maple Leaf brand". Pure Maple Syrup.	3.23	.....	"
"	26	"	23	33617 Colin McNabb & Co., Dartmouth, N.S.	35 Maple Tree Producers' Association, Waterloo P.Q.	Labelled "Pride of Canada brand".	4.00	.....	"

DISTRICT OF NEW BRUNSWICK—J. C. FERGUSON, INSPECTOR.

Feb. 14	14	Maple Syrup.	23	3 bot. 1 1/2 H. S. Colter, Upper Kewick Lake, Ridge, York County, N.B.	3 bot. 1 1/2 H. S. Colter, Upper Kewick Lake, Ridge, York County, N.B.	Labelled "Maple Honey. It is Maple Syrup and so sold."	3.02	"
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20	"	29650	Sussex Mercantile Co., Ltd.	Main St., Sussex, N.B.	10 oz.	45	Sussex Mercantile Co., Ltd., Elgin, Albert Co., N.B.	4.58	"
							was bought from farmers old stock. May have fermented. Would not guarantee Syrup		
	21	"	29651	Rod. McLean, Main St., 3 bobs.	N.B.	75 C. Hallett & Co., Bear Island, York Co., N.B.	Labelled Pure Rock Maple Honey. Mid. by C. Hallett & Co., Bear Island, York Co., N.B.	2.86	"
	"	25	"	29652	James Mallar, Newcastle, 3 "	40 Goddard Bros., Elgin, Albert Co., N.B.	From Imperial one gallon can. In Store 9 months.	4.12	"
Mar.	7	"	"	29653	W. A. Estabrook, Fredericton, 3 "	1.06 D. A. Niles, King's Clear, N.B.	Maple Honey. Mid. by D. A. Niles, King's Clear, N.B.	4.95	"
	"	7	"	29654	F. W. Samson, Fredericton, 3 "	90 C. F. Hagerman & Sons, Bear Island, N.B.	Maple Honey. Mid. by C. F. Hagerman & Son, Bear Island, N.B.	2.80	"

DISTRICT OF QUEBEC—E. BELAND, INSPECTOR.

Feb.	12	Maple Syrup.....	25367	Napoleon Pelletier, Fraser-3bots, ville, Quebec.	75	Quebec Preserving.....	Sold for pare.....	0 50	0 40 0 10 Adulterated.
"	13	"	25368	P. E. Côté, St. Paschal.....	90	"	C. C.	0 29	0 20 0 10 "
"	14	"	25369	Union Agricole, St. Anne 3 "	66	Unknown .....	.....	0 46	0 29 0 14 "
"	18	"	25405	Pacadiere, 414 St. Joseph, 3 "	75	A. Rinfret, Quebec.....	.....	0 70	0 17 0 14 "
"	18	"	25406	Hamel & Bédard, 728 St. 3 "	165	Hamel & Bédard, Quebec.....	.....	3 54	..... Genuine.
"	19	"	25407	Jos. Falardreau, Quebec.....	60	Jos. Falardreau, Quebec.....	.....	0 83	0 150 11 Sold as artificial.
				Rose.			Label has the word 'flavoured' written upon it.		

SECTION OF MAPLE SYRUP—BULLETIN 155.

Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Quantity.	Owner.	Name and Address of Manufacturer or Furnisher as given by Vendor.	Inspector's Report.	Results of Analysis.		
								Percentage on Dry Substance.	Total Ash.	Acid and ash.
Date of Collection.								p.e.	p.e.	p.e.

DISTRICT OF ST. HYACINTHE—J. C. ROULEAU, INSPECTOR

Feb. 13	Maple Syrup.	27936	J. O. Montplaisier, Drum-3 blots.	60 A. Jeannette, St. Germain de Laval.	60	4.15	Genuine.
" 14	"	27937	J. H. A. Talbot, Artha-3 "	75 Ed. Talbot, Stanfield.....	75	3.72	"
" 18	"	27938	Bray Bros., Sherbrooke.....	From a 2 gall. vessel.	2	4.15	"
" 19	"	27939	Woodman & McKee, Conti-1 "	1 gal. 1 30 F. H. Sevigny & Son, B'ch Vessel marked F.	1	4.15	"
" 21	"	27940	Gosselin & Paradis, Magog-10 tin.	50 Not known.....	50	4.06	"
" 22	"	27941	Horn Benjamin, St. Cesaire-3 bot.	Marked 20 lbs. Wellington,.....	20	4.09	"
			60 His brother.....	Bonne Co.	20	2.00	0.37 0.40 Delightful.

DISTRICT OF MONTREAL—J. J. COSTIGAN, INSPECTOR.

Feb. 17	Maple Syrup.	32577	Beauvais, Lalonde & Co. 2 blots.	50 Vendor.....	Bottled by Vendor.	2.77	Genuine.
" 20	"	32578	Canada Maple Exchange Ltd. 3 "	75 "	Bottled by Vendor.	2.03	Doubtful.

" 21	"	32379 J. N. Prieur, 907 Ste. Lawrence B., Montreal.	75 Unknown	Bottled by Vendor and sold as pure. Bottles not labeled.	0 18	0 13 0	26 Adults (estimated).
" 21	"	32580 T. Lanthier, 221 Colonial Ave., 2 Montreal.	70 F. Lanthier, Ste. Genevieve, P.Q.	Bottled by Vendor. Said as pure.	4 86	.....	Genuine.
" 25	"	32581 J. S. Gauthier, St. Anne de Bellevue, P.Q.	75 Nap. Challette, Rigaud, P.Q.	.....	3 72	.....	.....
" 26	"	32582 J. L. Desaulniers, 492 St. 3 Lawrence B., Montreal.	75 Hislop & Hunter, Montreal.	.....	0 18	0 07 0	14 Adults (estimated).

DISTRICT OF OTTAWA J. A. RICKEY, INSPECTOR.

Feb. 12	Maple Syrup	34126 R. E. Powell, Wellington St., 1 Bot. Ottawa.	40 W. F. Goddard, 3475 Ste. Catherine.	Labelled Private brand. Canada Maple Syrup. Is a genuine maple sap syrup. Put up by the Maple Tree Producers Assoc. Montreal.	2 83	.....	Genuine.
" 12	"	34127 C. B. McLean, Ottawa.	24 oz.	Vendor said sample was taken from a barrel. No marks. Said as pure maple syrup to Vendor. He was bought from a farmer on the market.	4 43	.....	.....
" 13	"	34128 Mrs. Brankin, Ottawa.	24 oz.	20 From a Farmer.	0 14	0 06 0	32 Adults (estimated).
" 14	"	34129 S. W. Lee, Ottawa.	1 bot.	60 H. N. Estate & Son, Ottawa.	1 32	0 27 0	.....
" 19	"	34130 Alex. Henry, Centerville.	1 gall.	100 J. P. Smith, Mountain Sta. Vocation.	3 66	.....	.....
" 20	"	34131 John Mayberry, Prescott.	3 bots	90 From a farmer.	2 98	.....	Genuine.

INSPECTION OF MAPLE SYRUP—BULLETIN 155.

Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.	Name and Address of Manufacturer or Furnisher as given by Vendor.	Inspector's Report.	RESULTS OF ANALYSIS.		
						Quantity.	Cent.	Percentage on Dry Substance.
Date of Collection.						Total Ash	Proximate Test	Remarks and Opinion of the Chief Analyst.
						Test	Value	
						per cent.	p. c.	

DISTRICT OF KINGSTON—J. HOGAN, INSPECTOR.

Feb. 11	Maple Syrup.	33072	W. Davies, Princess St., Kingston.	1 qt.	30 Maple Tree Assoc., Waterloo, Quebec.	3.69	....	Genuine.
" 11	"	33073	W. Van Laven, Princess St., Kingston.	3 tins.	90 Small, Montreal	2.15	....	Doubtful.
" 11	"	33074	J. S. Henderson, Brock St., Kingston.	3 bottles.	90 Maple Tree Assoc., Waterloo, Quebec.	2.80	....	Genuine.
" 12	"	33075	W. A. Stephens, Port Hope.	1 qt.	30 J. Soden, Toronto.	0.13	13.0-28	Adulterated.
" 13	"	33076	White & Gillespie, Peterboro	3 bottles.	60 Thompson, Ardwick.	3.72	....	Genuine.
" 13	"	33077	P. Connal & Son, Peterboro	1 qt.	50	3.40	....	"

DISTRICT OF TORONTO—H. J. DAGER, INSPECTOR.

Feb. 24	Maple Syrup.	35038	John McInnis, Hamilton	1 qt.	25 Lucas Steel & Bristol, Hamilton	0.30	0.13-0.25	Adulterated.
" 24	"	35039	C. H. & E. R. Almas, Hamilton	1 pt.	18 Eastern Townships Maple Syrup and Sugar Exchange, Quebec.	3.44	....	Genuine.

27	"	35040 W. T. Richardson, St. Cath- arines	1 "	15 Eastern Townships, Sutton, Sample from 5 gall. Quebec.	1.10	0 15 0 32 Adulterated.
28	"	35041 F. B. Miesner, Niagara Falls	1 "	Sample from 5 gall. can in store.	0.43	..... Sold as mixture.
"	"	South.		Sold as can. Sold as pure. After I paid for syrup Vendor said it was a mixture.		
29	"	35042 J. C. Gibson, Erie Av., Niagara Falls.	1 "	25 Balfour & Survey, Hamilton.	0.43	"
Mar. 3	"	35043 G. O. Roche, Toronto.	1 qt.	35 Maple Tree Producers Assoc. Ltd., Waterloo, Que.	4.83	Genuine.

DISTRICT OF LONDON - T. KIDD, INSPECTOR.

Feb. 11	Maple Syrup.	30466 Charles Nairn, Goderich.	1 1/2 qt.	45 Maple Tree Producers Assoc., Waterloo, Ont.	2.40	..... Genuine.
" 13	"	30472 A. Beattie & Co., Stratford.	1 qt.	25 Arthur P. Tupper, Montreal. Sold as maple flavor. our syrup.	0.98	..... Sold as mixture.
" 25	"	30481 Pickard & Fleming, St. Mary's.	1 qt.	25 McCormick Mfg. Co., London. Branded Pure Maple Syrup.	4.18	..... Genuine.
" 28	"	30485 M. R. Folsom, Mitchell.	1 qt.	25 Lind, Kerrigan & Co., London. Involved Maple Syrup.	0.21	0 26 0 24 Adulterated.
" 28	"	30487 A. G. Ault, Seaford.	1 qt.	25 Geo. Foster & Sons, Brantford.	0.33	0 25 0 14 "

DISTRICT OF WINSTON - J. TALBOT, INSPECTOR.

Feb. 18	Maple Syrup.	34505 R. M. Drnlard.	3 qts. 1.50	Maple Tree Producers Assoc., Waterloo, Que.	2.43	..... Genuine.
Mar. 11	"	34520 T. A. Rowat, London.	3 bats.	90 A. H. Lagalls, Abercorn, Que.	3.29 "
April 8	"	34623 C. R. Ead, St. Thomas.	3 "	90 Maple Tree Producers Assoc., Waterloo, Que.	3.08 "
" 9	"	34625 Butler Bros., St. Thomas.	3 "	45 Bought on market from a farmer.	4.15 "
" 9	"	34526 Stedman & Duncan, St. Thomas.	3 "	50 N. Hathaway, Iona, Ont.	2.95 "
" 10	"	34528 Norman McLeod, London.	3 "	Bought on market from a farmer.	3.28 "

INSPECTION OF MAPLE SYRUP—BULLETIN 155.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Quantity.	Cost.	RESULTS OF ANALYSIS.			Percentage on Dry Substance.	Remarks and Opinion of the Chief Analyst.
						Cryst.	Lead acetate sub.	Total ash.		
Feb. 18	Maple Syrup.	25894	Foley, Lock Larson, Winni- peg, Man.	11 qts. 1 bot.	30	Maple Tree Producers Assoc. Ltd., Waterloo, Que.	Pride of Canada.	3.69	3.69	Genuine.
" 18	"	25895	J. A. McKerchar, Winnipeg, Man.	1 1/2 qts. in can.	45	"	"	4.36	4.36	"
" 18	"	25896	"	1 1/2 qts.	40	R. McPhail, Glengarry, Ont.	"	4.27	4.27	"
" 18	"	25897	Codville & Co., Winnipeg, Man.	1 gall. 1 1/2 qts.	40	Not given	"	6.09	6.09	"
" 27	"	25898	Hardy & Buchanan, Winni- peg, Man.	1/2 1 qt.	85	Maple Tree Producers Assoc. Ltd., Waterloo, Que.	Pride of Canada.	3.81	3.81	"
" 27	"	25899	"	1 qt.	50	"	"	4.15	4.15	"

DISTRICT OF MANITOBA—A. C. LARIVIERE, INSPECTOR.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Quantity.	Cost.	RESULTS OF ANALYSIS.			Percentage on Dry Substance.	Remarks and Opinion of the Chief Analyst.
						Cryst.	Lead acetate sub.	Total ash.		
Feb. 18	Maple Syrup.	25894	Foley, Lock Larson, Winni- peg, Man.	11 qts. 1 bot.	30	Maple Tree Producers Assoc. Ltd., Waterloo, Que.	Pride of Canada.	3.69	3.69	Genuine.
" 18	"	25895	J. A. McKerchar, Winnipeg, Man.	1 1/2 qts. in can.	45	"	"	4.36	4.36	"
" 18	"	25896	"	1 1/2 qts.	40	R. McPhail, Glengarry, Ont.	"	4.27	4.27	"
" 18	"	25897	Codville & Co., Winnipeg, Man.	1 gall. 1 1/2 qts.	40	Not given	"	6.09	6.09	"
" 27	"	25898	Hardy & Buchanan, Winni- peg, Man.	1/2 1 qt.	85	Maple Tree Producers Assoc. Ltd., Waterloo, Que.	Pride of Canada.	3.81	3.81	"
" 27	"	25899	"	1 qt.	50	"	"	4.15	4.15	"

DISTRICT OF CALGARY—R. W. FLETCHER, INSPECTOR.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Quantity.	Cost.	RESULTS OF ANALYSIS.			Percentage on Dry Substance.	Remarks and Opinion of the Chief Analyst.
						Cryst.	Lead acetate sub.	Total ash.		
Feb. 28	Maple Syrup.	25901	L. B. Cochran, Medicine Hat	1 qt.	1.00	Maple Tree Producers' Asso- ciation, Waterloo, Que.	"	"	4.54	Genuine.
" 29	"	25902	Hudson Bay Co., Lethbridge	2 lbs.	50	"	"	"	3.69	"
Mar. 2	"	25903	Cook & McKerchar, Pincher Creek.	1 qt.	60	"	"	"	3.81	"
" 5	"	25906	Hudson Bay Co., Edmonton	1 "	50	"	"	"	4.40	"

DISTRICT OF VANCOUVER—J. F. POWER, INSPECTOR.

" 5	"	28906 The Acme Co., Edmonton	1 "	50	"	"	4 15	"
" 5	"	28919 J. H. Morris & Co., Edmonton	1 "	50	"	"	4 05	"

Feb. 20	Maple Syrup.	34244 C. E. Turner, Vancouver, B.C. 1 qt.	50 Maple Tree Producers' Assoc. Ltd., Waterloo, Que.	Guaranteed to comply with Adulteration Act.	4 06	"	Genuine.
" 20	"	34245 F. Wright, Vancouver, B.C. 1½ "	50 Blair, Franklin Centre, Que.	"	2 61	"	"
" 20	"	34246 Howell & Weir, Vancouver, B.C. 1 gall.	1 0 Canadian Maple Exchange, Pure, selected, guaranteed.	"	3 78	"	"
" 20	"	34247 Kyle & Sons, Vancouver, B.C. ½ gall.	1 00 Eastern Townships Maple Satisfaction guarantee, Syrup and Sugar Exchange, Sutton, Quebec.	"	3 53	"	"
" 20	"	34248 McDowell & Kirrins, Vancouver, B.C.	1 gall. 1 10 Not known.	"	3 26	"	"
" 20	"	34249 H. Duff, Vancouver, B.C. .. 1 qt. ..	75 Ramsay Bros. & Co., Ltd. Sold as Maple Syrup. See label. Flavour pencilled over.	"	0 86	"	Sold as maple flavour.

DISTRICT OF VICTORIA—D. O. SULLIVAN, INSPECTOR

Feb. 20	Maple Syrup.	34845 Saunders Grocery Co., Ltd., 1½ lbs. Victoria, B.C.	50 Canada Maple Exchange, Montreal, P.Q.	2 49	0 41 0 47	Doubtful.
" 20	"	34846 Saunders Grocery Co., Ltd., 1½ " Victoria, B.C.	50 The Eastern Townships Maple Syrup and Sugar Exchange, Sutton, Que.	3 02	"	Genuine.
" 21	"	34847 West End Grocery Co., Ltd., 1½ " Victoria, B.C.	60 Maple Tree Producers' Association, Waterloo, Que.	4 09	"	"
" 21	"	34848 Fred Casine, Victoria, B.C. .. 1½ "	60 " "	3 44	"	"
" 22	"	34848 Dixi H. Ross & Co., Ltd., 1½ " Victoria, B.C.	60 W. R. Horner, Granby, Que.	3 42	"	"
" 22	"	34849 Windsor Grocery Co., Vic. 1½ " B.C.	60 Maple Tree Producers' Association, Waterloo, Que.	3 29	"	"